

Title (en)

ASSEMBLY AND METHOD FOR OPERATING ON HORIZONTALLY ORIENTED EQUIPMENT

Title (de)

ANORDNUNG UND VERFAHREN ZUM BETRIEB AN HORIZONTAL AUSGERICHTETEN GERÄTEN

Title (fr)

AGENCEMENT ET PROCÉDÉ DE FONCTIONNEMENT SUR UN ÉQUIPEMENT ORIENTÉ HORIZONTALEMENT

Publication

EP 4414132 A1 20240814 (EN)

Application

EP 23205884 A 20231025

Priority

- US 202263425895 P 20221116
- US 202318485976 A 20231012

Abstract (en)

Provided herein is a method that includes coupling a support fixture having a hanging strap to a frame of an assembly at a location vertically above a rotatable shaft of the assembly; vertically supporting the shaft with the strap; temporarily mounting a pulling fixture to the frame of the assembly, the pulling fixture having a bowl-shaped body and a hydraulic ram coupled to the bowl-shaped body, the pulling fixture mounted to the frame such that a second end of the bowl-shaped body is coupled to the frame and the hydraulic ram is operably coupled to a bearing of the assembly; and controlling the hydraulic ram to apply coaxial force to the bearing to remove the bearing from the assembly or to install the bearing into the assembly.

IPC 8 full level

B25B 27/06 (2006.01)

CPC (source: EP)

B25B 27/064 (2013.01)

Citation (applicant)

- US 199562634258 P
- US 202318485976 A 20231012

Citation (search report)

- [XAI] US 2622315 A 19521223 - LOVELAND ROY B
- [XA] DE 20211359 U1 20021031 - OU CHIN SUNG [TW], et al
- [X] DE 202020105975 U1 20210127 - CHEN WEI LI [TW], et al
- [X] DE 202008003668 U1 20080807 - HU CHIH KUO [TW]
- [X] DE 202011005562 U1 20111026 - KLANN SPEZIAL WERKZEUGBAU GMBH [DE]
- [X] EP 3323553 B1 20210224 - WALLMEK I KUNGAELV AB [SE]
- [XA] US 5167057 A 19921201 - SOMERVILLE DEAN S [US]
- [XAI] EP 2607021 A1 20130626 - SCHWEIZERISCHE BUNDESBAHNEN SBB [CH]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4414132 A1 20240814

DOCDB simple family (application)

EP 23205884 A 20231025